





PACKING SLIP/  
CERTIFICATE OF CONFORMANCE


A. M. Castle & Co.


Page 1 of 1

Shipment No:2909026

<b>Ship From:</b> A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN		<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		<b>Ship To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN		<b>Deliver To:</b> DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
<b>Date Shipped</b> 09-MAR-16	<b>F.O.B.</b> ORIGIN	<b>Freight Terms</b> Prepaid	<b>Carrier</b> MANITOULIN	<b>BOL No</b> 2909026-2			

<b>Shipment Details</b>	<b>Final Destination Branch - TOR</b>
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<b>Order No</b> 4265754	<b>Line No</b> 1	<b>Item No</b> 60-34384-23-144	<b>Description</b> 60-34384 2024.T3511.ALUMINUM.144.0000.A01 SPECIFICATIONS: AMS-QQ-A-200/3
<b>Purchase Order No</b> 31480	<b>Part Number</b>	<b>Ordered Qty</b> 12.00 FT	<b>Invoice Qty</b> 12.0000 FT
<b>Details</b> ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS			
<b>Delivery No.</b> 120355248	<b>Mill</b>	<b>Heat Number</b>  1 2 4 4 4 6 - 1	<b>Mech Id</b> 1
	<b>PCS</b> 1	<b>Width (IN)</b>	<b>Length (IN)</b> 144.0000
			<b>Shipped Qty(LBS)</b> 1.3080

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is prohibited.	
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	Name:  <b>MAK 09 2016</b>



6520 W. Allison Rd.  
Chandler, AZ 85226  
866-525-3926

## CERTIFIED TEST REPORT

Castle Metals Aerospace  
14001 Orange Ave.

Mill Lot #: **124446**

Paramount

CA 90723

Invoice #: 189540

Customer Order #: 94266648

Shipment Complete

Produced To: GS180A8

Packaging Fiber Box

Date: 10/18/13

Item Number: 1

Die Number: 18023

Net Weight (Lbs.): 14

Alloy - Temper: 2024 - T3511

Cut Length (in.): 144.000

No. of Boxes: 1

Specifications: AMS QQ-A-200/3

ASTM B221-13

No. of Pieces: 10

Customer Stencil: GS180A8BF:TMS60-34384:18023

Feet: 120.00

Remarks:

### Mechanical Test Reports

Mill Lot #	# Pcs.	Alloy - Temper	YS (ksi)	UTS (ksi)	% Elong.	Conductivity (%IACS)	SCF
124446-1	10	2024 - T3511	50.2	66.0	16.9	29.0	

OCT 24 2013



### Chemical Composition Limits

Alloy	SI Min	FE Min	CU Min	MN Min	MG Min	CR Min	ZN Min	TI Min	ZR Min	V Min	Others Each
2024	0.00	0.00	3.8	0.30	1.2	0.00	0	0.00			0.05
	SI Max	FE Max	CU Max	MN Max	MG Max	CR Max	ZN Max	TI Max	ZR Max	V Max	Others Total
	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15			0.15
Remainder is Aluminum											

Certified Test Report: Kaiser Aluminum Alexco LLC, hereby certifies that metal shipped under this order was made in the USA from material melted in the USA and was inspected and tested and found to be in conformance with the applicable specifications forming a part of the description set forth in Kaiser Alexco's sales acknowledgement form. Any warranty is limited to that shown on Kaiser Alexco's general terms and conditions of sale. Test reports are on file subject to examination.

This commodity is shipped within the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.

*Gary Thomas*

Gary Thomas: Metallurgical Manager

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## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M2024TSA.750x.750.063w

PO / BATCH NO: 4134446 / P031430

DATE: 16-03-14

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12  
 QUANTITY INSPECTED: 12  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063"  
 THICKNESS RECEIVED: .063"  
 SHEET SIZE ORDERED: 1/4  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	AMS-QQ-A-200/3
CORRECT REF # TO LINK CERT	(Y)	N	HT # 124446-1
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>9</u> DATE: <u>16-03-14</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO31480

Purchase Order Date 2/24/2016

PO Print Date 3/14/2016

Page Number 1 of 3

Order From :

VU-MET002

Ship To :

DART AEROSPACE LTD

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Buyer

Chantal Lavoie

Vendor Phone

Customer POID

Customer Tax # 10127-2607

Ship To Contact

Terms

Net 30

Ship To Phone

Currency

USD

Ship Via

Yours ppd

FOB

Destination-Collect

Ship Acct

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req. Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D6101-003P	7075-T7351 2X6.25X7.875	3/11/2016 Yes 3/17/2016		20.00 Each	\$35.29	\$705.80
	AS PER DWG D6101 REV. B B142007 SIZE: 7.875" X 6.250" X 2.00" THICK GRAIN DIRECTION ALONG 7.875" LENGHT MATERIAL: 7075-T7351 QQ-A-250/12 TOLERANCE AS PER QUOTE +.030"/-.000"						
	Line Total:						\$705.80
2	D6101-005P	7075-T7351 8.25X5.0X2.5	3/11/2016 Yes 3/17/2016		20.00 Each	\$36.20	\$724.00
	AS PER DWG.D6101 REV.B B142008 SIZE: 5.00" X 8.250" X 2.50" THICK GRAIN DIRECTION ALONG 5.00"" LENGHT MATERIAL: 7075-T7351 QQ-A-250/12 TOLERANCE AS PER QUOTE +.030"/-.000"						

Note:

3/14/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO31480

Purchase Order Date 2/24/2016

PO Print Date 3/14/2016

Page Number 2 of 3

Order From :  
METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via Yours ppd  
Ship Acct

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-Collect

Line Total: \$724.00

3	D6104-007P	17-4 SS Roundbar 4.50"Od	3/11/2016	10.00	\$68.53	\$685.30
			Yes	Each		
			3/11/2016			
	AS PER DWG D6104 REV. B B142009 MATERIAL: 17-4 PH AS PER AMS 4643 OR AISI 630 SIZE: 4.50" X 5.10" LONG					

Line Total: \$685.30

4	M2024T3A.750X.750X.063W	Angle2024T3511 .750 x .750 x .063w	3/17/2016	12.00	\$35.86	\$430.32
			Yes	f		
			3/17/2016			
	MATERIAL: 2024-T3/T3510/T3511 ALUMINUM ANGLE AS PER AMS-QQ-A-200/3 PR AMS 4152/4164/4165 MATERIAL # 60-34384-23-144					

02116103114

Line Total: \$430.32

Note:

3/14/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
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Purchase Order Date 2/24/2016

PO Print Date 3/14/2016

Page Number 3 of 3

Order From :

VU-MET002

Ship To :

DART AEROSPACE LTD

METAUX CASTLE  
P.O. BOX 4090 STN A  
TORONTO, ONTARIO M5W OE9  
CANADA

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Buyer

Chantal Lavoie

Vendor Phone

Customer POID

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Ship To Contact

Terms

Net 30

Ship To Phone

Currency

USD

Ship Via

Yours ppd

FOB

Destination-Collect

Ship Acct

5	71401-45	PROCUREMENT QUALITY CLAUSES	3/11/2016	1.00	\$0.00	\$0.00
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No

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

3/11/2016

Line Total: \$0.00

PO Total: \$2,545.42

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 7

Change Date: 3/14/2016